

What Tech Skills Your Child Should Have...

By the end of Kindergarten –

Keyboarding: Students will begin to gain an understanding of where the letters are on the keyboard.

Other Skills: Students will know how to log-in and log-off of their computers. They will know the different parts of a computer. They will know how to open and close windows and programs, maximize and minimize windows, use headphones, how to double click, drag and drop, and use the right and left mouse clicks. They will develop mouse skills through creating digital drawings as well as listening skills, following direction, and following a model. They will also practice basic skills using our kindergarten splash page that can be utilized at home as well.

Big Project: Students will have developed a portfolio of images they have drawn on the computer.

By the end of 1st Grade –

Keyboarding: Students will begin using a typing program to increase awareness of locations of keys on the keyboard.

Other Skills: Students will be able to open, close, and save documents in a word processing program. They will also be able to capitalize the beginning words in sentences, end with punctuation marks, and tab the beginning of a paragraph. They will also know how to format the text (change size, color, font, bold, underline, italicize) and insert shapes, word art, and text boxes.

Big Project: Students will have a document several pages long that they have created over the course of the year. Initial sentences will be teacher created. The ending sentences will be student created.

By the end of 2nd Grade –

Keyboarding: Students will begin becoming familiar with touch typing (using the keyboard without looking at the keys) by using Dance Mat Typing.

Other Skills: Students will be able to use presentation software. They will be able to add images, sounds, videos, etc. to presentations as well as create hyperlinks within and outside of their presentation. They will be able to change the design and theme of the entire show as well as to change the format of the slides and the formatting within the slides.

Big Project: Students will have created two presentations that include hyperlinking. One will be about them and the other will be a choose your own adventure story that they have created.

By the end of 3rd Grade –

Keyboarding: Students will become very familiar with touch typing using Typing Pal. They will have a goal of 15 words per minute by the end of the year, which will be monitored through timed typing tests at the end of each marking period.

Other Skills: Students will be able to use a digital camera, upload, save, and edit photographs. Students will be able to storyboard and create a digital story using their voice and photographs that they take. Students will be able to create a podcast.

Big Project: Students will create a digital story using their own photographs. Students will create a podcast using Audacity based on a topic of their choosing.

By the end of 4th Grade –

Keyboarding: Students should be keyboarding at a goal of 25 words per minute at the end of this year. They will use Typing Pal and have timed typing tests at the end of each marking period to track their progress.

Other Skills: Students will participate in the Mystery State Project by finding interesting facts about Pennsylvania to share with students in other states. Students will complete a project based on a state of their choosing. Students will learn basic video recording skills and basic movie making skills.

Big Project: Students will create a state report and a multi-media asset to distribute the information they have learned. They will display their work on the class wiki.

By the end of 5th Grade –

Keyboarding: Formal keyboarding instruction will not be focused on in class. They can practice at home using Numble Fingers or other typing games listed on the teacher's website.

Other Skills: Students will create a project based on a hero that they choose. Students will be able to write a script and create a movie.

Big Project: Students will create a glog about their hero and a video that will be posted to the class wiki.

By the end of 6th Grade –

Keyboarding: Formal keyboarding instruction will not be focused on in class. They can practice at home using Numble Fingers or other typing games listed on the teacher's website.

Other Skills: Students will be able to create a game using Stencyl. Students will further develop movie making and script writing skills.

Big Projects: Students will create a video game. Students will create a documentary based on a topic of their choosing. Both of these will be posted to the class wiki.